

WHAT IS CLAIMED IS:

1. A banknote handling system, comprising:

a money in-out slot that receives insertion of banknotes from each customer;

5 a conveyance module that conveys each banknote;

multiple banknote discrimination modules that carry out banknote discrimination of each conveyed banknote in a money-in process that pays in banknotes inserted in said money in-out slot, as well as in another transaction process that is accompanied with conveyance of banknotes;

10 a banknote storage box that stores a banknote determined as genuine by said banknote discrimination module;

a collection box that collects a banknote determined as counterfeit by said banknote discrimination module; and

15 a management module that manages information on the transaction process with respect to each banknote.

2. A banknote handling system in accordance with claim 1, said banknote handling system further comprising:

20 a temporary storage box that temporarily keeps the banknote determined as genuine by said banknote discrimination module in the money-in process, prior to storage of the banknote into said banknote storage box,

wherein the transaction process includes a deposit cancellation process that receives a customer's input of a cancellation instruction and feeds back the banknote temporarily kept in said temporary storage box to said money in-out slot.

25

3. A banknote handling system in accordance with claim 2, wherein the deposit cancellation process feeds back the banknote temporarily kept in said temporary storage box to said money in-out slot via said banknote storage box.

30 4. A banknote handling system in accordance with claim 1, wherein the

transaction process includes a money-out process that feeds banknotes from said banknote storage box and conveys the banknotes to said money in-out slot.

5 5. A banknote handling system in accordance with claim 1, wherein the transaction process includes a left-money collection process that stores or collects a banknote, which is left in said money in-out slot after the money-out process, into said banknote storage box or into said collection box.

10 6. A banknote handling system in accordance with claim 1, wherein the transaction process includes a banknote feed process that supplies banknotes to said banknote storage box from a place other than said money in-out slot.

7. A banknote handling system in accordance with claim 6, said banknote handling system further comprising:

15 a cassette detachably attached to said banknote handling system, wherein the banknote feed process feeds out banknotes kept in said cassette attached to said banknote handling system and conveys the banknotes to said banknote storage box for storage.

20 8. A banknote handling system in accordance with claim 1, said banknote handling system further comprising:

 a cassette detachably attached to said banknote handling system, wherein the transaction process includes a collection process that conveys banknotes from said banknote storage box into said cassette.

25 9. A banknote handling system in accordance with claim 1, wherein the information on the transaction process includes source data.

30 10. A banknote handling system in accordance with claim 9, wherein the source data includes transactor information for identifying a transactor.

11. A banknote handling system in accordance with claim 10, wherein the transactor information includes an account number and an employee number.

5 12. A banknote handling system in accordance with claim 9, wherein the source data includes a transaction record ID used to unequivocally identify a record of the money-in process and the transaction process executed.

10 13. A banknote handling system in accordance with claim 1, said banknote handling system further comprising:

 a banknote sorting module that sorts out each banknote subjected to banknote discrimination by said banknote discrimination module to one of said multiple banknote storage boxes and said collection box,

15 wherein said management module generates source data, based on a result of banknote discrimination by said banknote discrimination module and a result of sorting by said banknote sorting module.

14. A banknote handling system in accordance with claim 1, said banknote handling system further comprising:

20 a control unit that, when the transaction process collects banknotes fed from said banknote storage box into said collection box, controls said management module to update source data managed corresponding to said banknote storage box to be related to said collection box.

25 15. A banknote handling system, comprising:

 a banknote storage box that stores banknotes;

 a management module that manages source data of each banknote stored in said banknote storage box; and

30 a control unit that, when a banknote is fed from said banknote storage box, controls said management module to update the source data of the banknote managed

corresponding to said banknote storage box.

16. A banknote handling system in accordance with claim 15, wherein said
management module manages the source data with a banknote number sequentially
5 allocated to each banknote stored in said banknote storage box, and

when a banknote is fed from said banknote storage box, said control unit
changes the banknote number allocated to the banknote.

17. A banknote handling system in accordance with claim 15, said banknote
10 handling system further comprising:

a banknote discrimination module that carries out banknote discrimination of
each banknote;

a collection box that collects a banknote determined as counterfeit by said
banknote discrimination module,

15 wherein said control unit updates the source data of the banknote managed
corresponding to said banknote storage box to be related to said collection box, when
the banknote is fed from said banknote storage box.

18. A banknote handling system in accordance with claim 15, wherein the
20 source data include customer information on a customer who has paid in banknotes or
an employee information on an employee who has fed banknotes.

19. A banknote handling system in accordance with claim 15, wherein the
source data include transaction information for unequivocally identifying a transaction
25 process executed by said banknote handling system and other information, and
said control unit updates only the other information included in the source
data.

20. A banknote handling method in a banknote handling system, said banknote
30 handling method comprising:

- a first step that obtains transactor information;
- a second step that carries out banknote discrimination of each banknote paid in or fed;
- 5 a third step that stores a banknote determined as genuine in said second step into a banknote storage box;
- a fourth step that manages mapping of the transactor information obtained in said first step and a result of banknote discrimination in said second step with respect to each banknote, to said banknote storage box for storing the banknote in said third step;
- 10 a fifth step that feeds out the banknote stored in said third step and carries out banknote discrimination of the banknote;
- a sixth step that collects a banknote determined as counterfeit in said fifth step into a collection box, which is different from said banknote storage box; and
- 15 a seventh step that updates the mapping to said banknote storage box managed in said fourth step to be related to said collection box, with respect to the banknote collected in said sixth step.